



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: )  
AKERS, Douglas, W. ) Examiner: Palabrica, R. J.  
5 Serial No. 09/932,531 ) Group Art Unit: 3641  
Filing Date: August 17, 2001 ) Conf. No.: 4276  
10 For: APPARATUS FOR PHOTON ) Atty. Dkt.: B-124  
ACTIVATION POSITRON )  
ANNIHILATION ANALYSIS )

**AMENDMENT UNDER 37 C.F.R. §§ 1.111 & 1.121**

15 To: The Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

20 In response to the non-final office action, dated September  
14, 2005, applicant respectfully requests the examiner to enter  
the following amendment and consider the following remarks.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Drawings** begin on page 3 of this paper and  
include an attached replacement sheet of drawing Figure 1.

25 **Amendments to the Claims** are reflected in the listing of claims  
which begins on page 4 of this paper.

**Remarks** begin on page 13 of this paper.



36415

PTO/SB/21 (09-04)  
Approved for use through 07/31/2006. OMB 0651-0031  
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/932,531	
	Filing Date	August 17, 2001	
	First Named Inventor	Douglas W. Akers	
	Art Unit	3641	
	Examiner Name	R. J. Palabrica	
Total Number of Pages in This Submission	29	Attorney Docket Number	B-124

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
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<input checked="" type="checkbox"/> Amendment/Reply (28 pages)	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
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<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
<b>Remarks</b> Amendment under 37 CFR Sections 1.111 & 1.121, a total of 28 pages including Fig. 1, Replacement Sheet		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	DAHL & OSTERLOTH, LLP		
Signature			
Printed name	Bruce E. Dahl		
Date	December 14, 2005	Reg. No.	33,670

CERTIFICATE OF TRANSMISSION/MAILING			
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Typed or printed name	Bruce E. Dahl, Reg. No. 33,670	Date	December 14, 2005

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